

Diagram 1 –Plane(Flat) Mirror

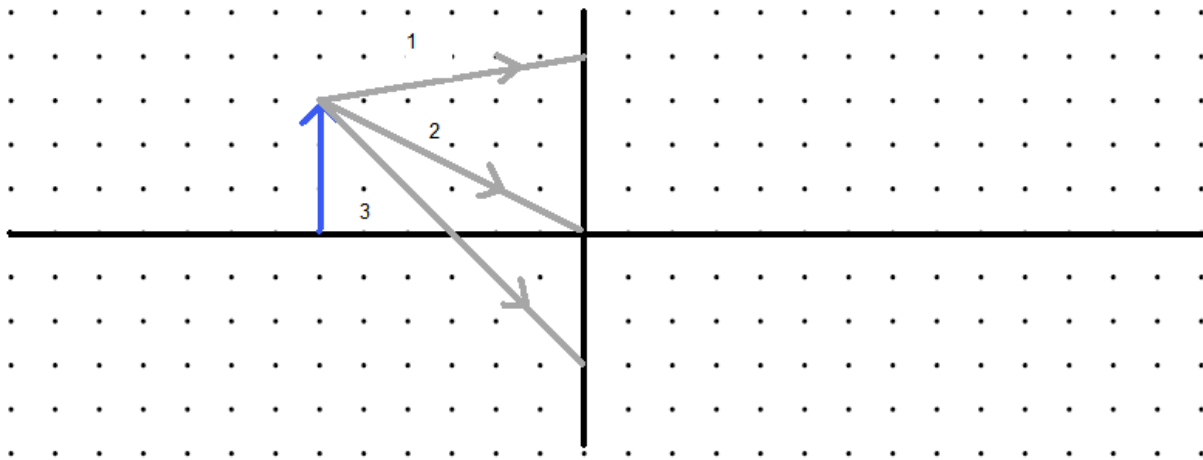


Diagram 2 – Parallel Rays of Light Striking a Concave Mirror

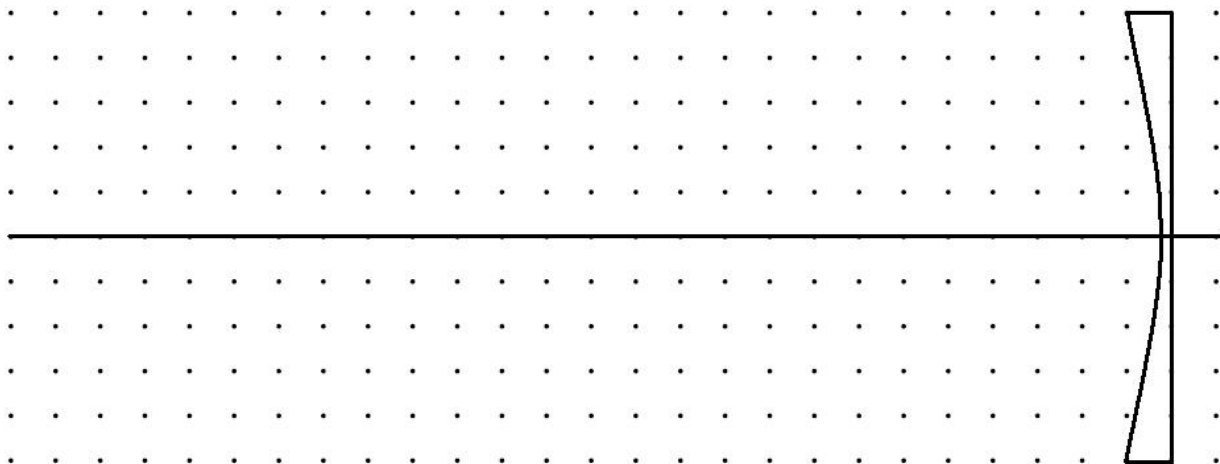


Diagram 3 – Three Principal Rays

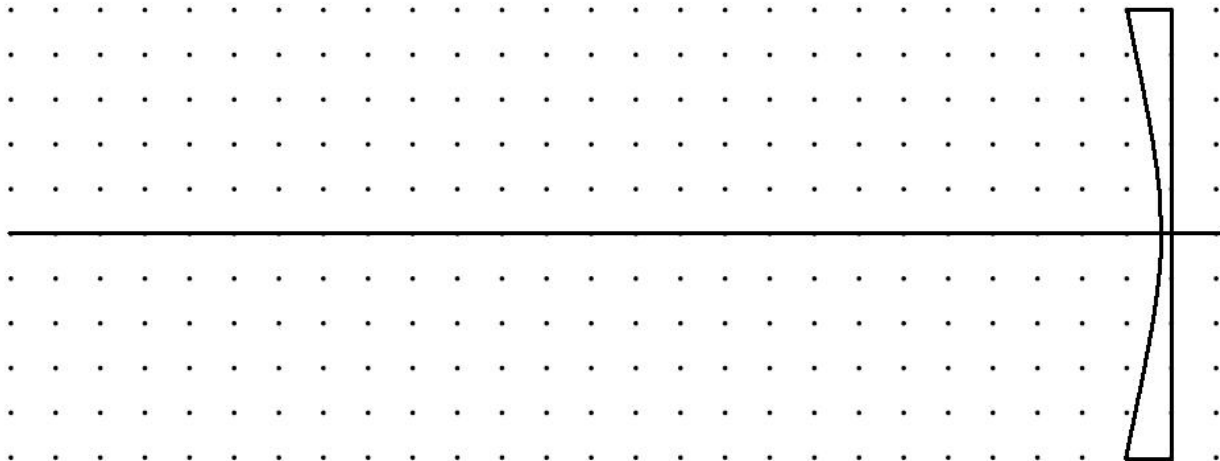


Diagram 4 – An object very far from a concave mirror

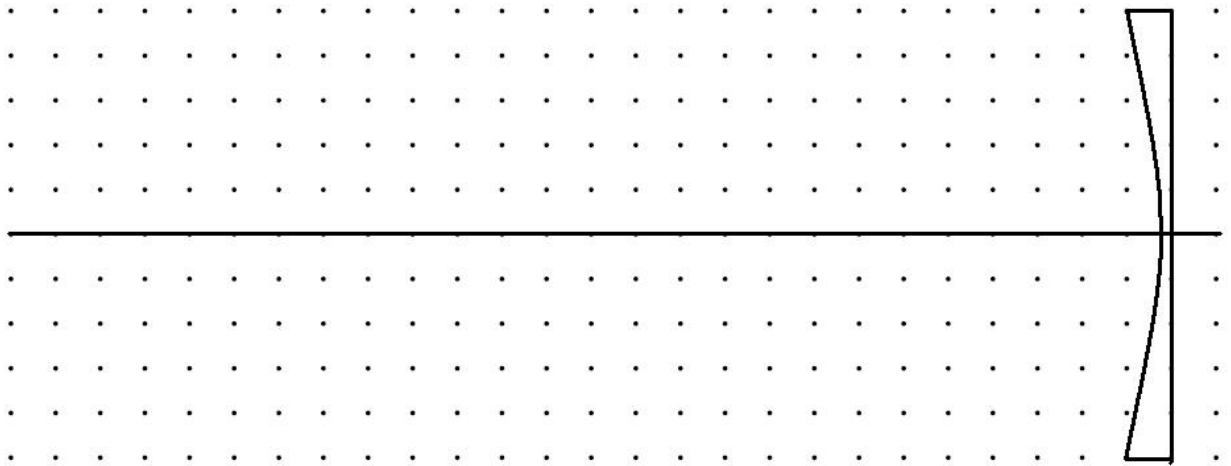


Diagram 5 – An object two focal lengths away from a concave mirror

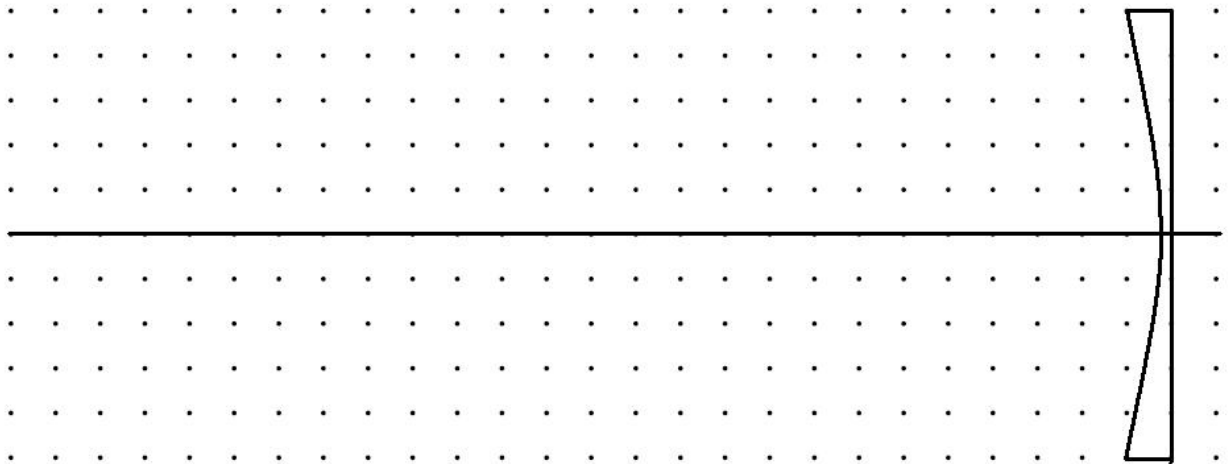


Diagram 6 – An object between one and two focal lengths away from a concave mirror.

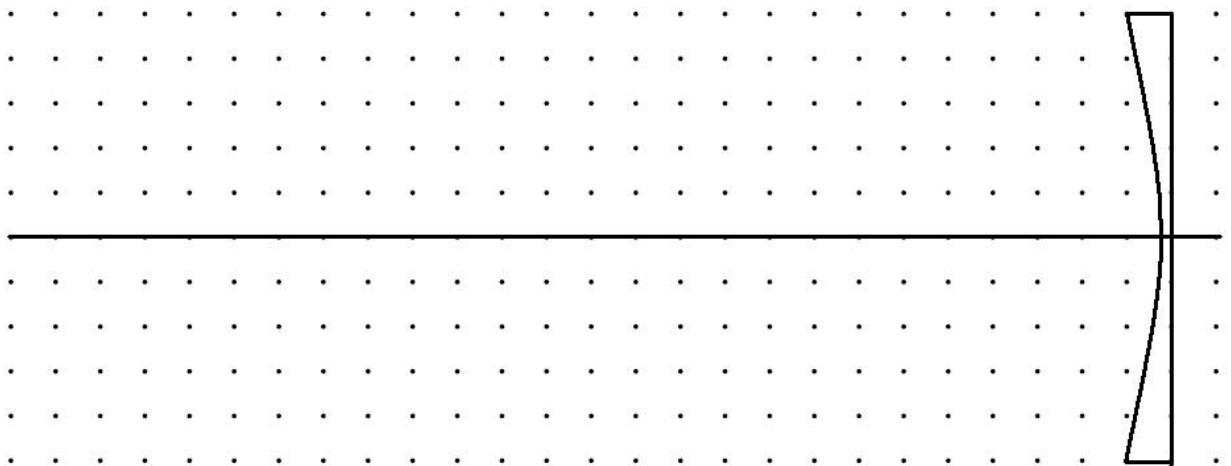


Diagram 7 – An object located at the focal length.

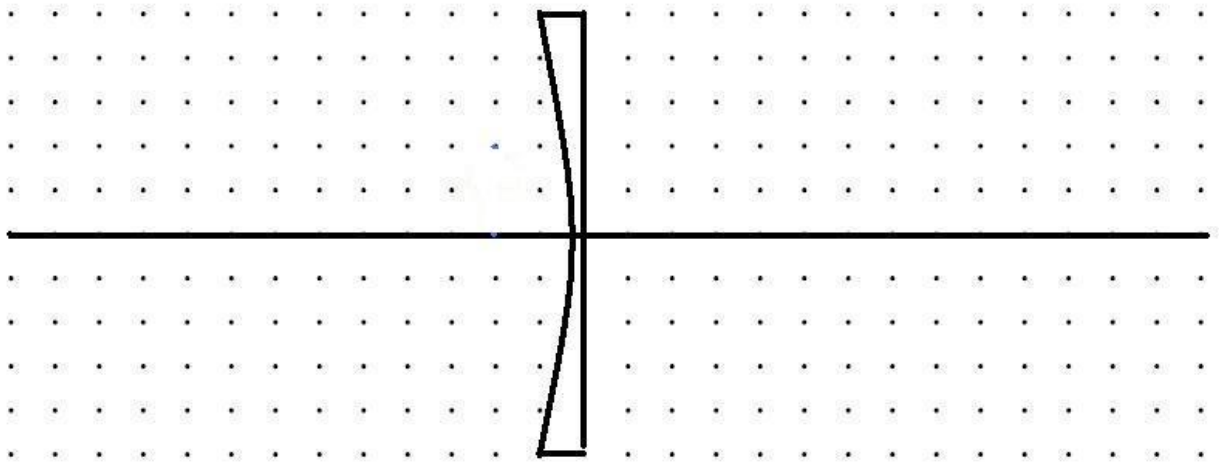
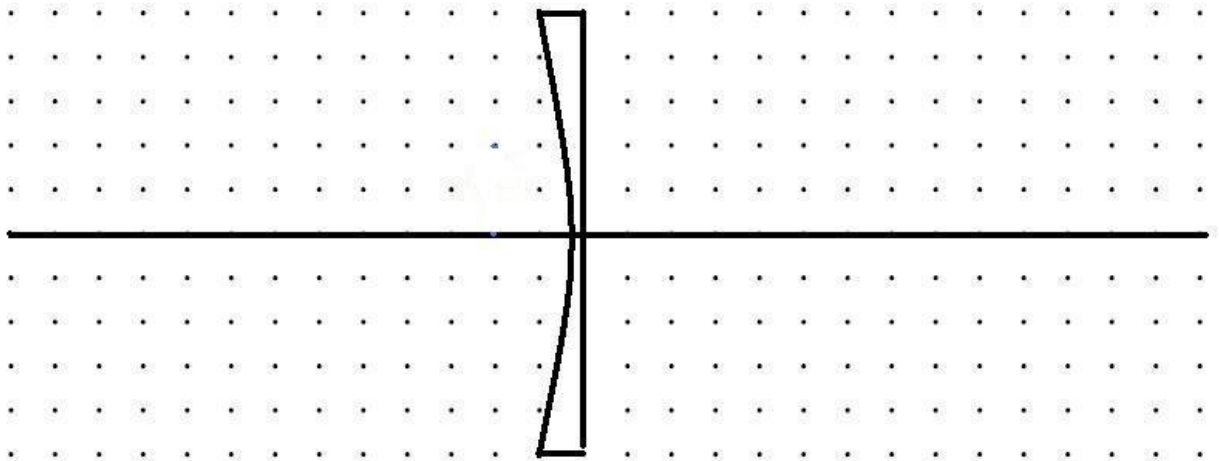


Diagram 8 – An object closer than the focal length.



## Summary of Images formed by Concave Mirrors

Focal length of concave mirror = \_\_\_\_\_

Case	Object Distance	Image Location	Virtual/Real	Upright/Inverted	Larger/Smaller
<b>&gt;2f</b>					
<b>2f</b>					
<b>Between f and 2f</b>					
<b>At f</b>					
<b>Between f and mirror</b>					

Diagram 9 – Convex Mirror- Parallel Rays

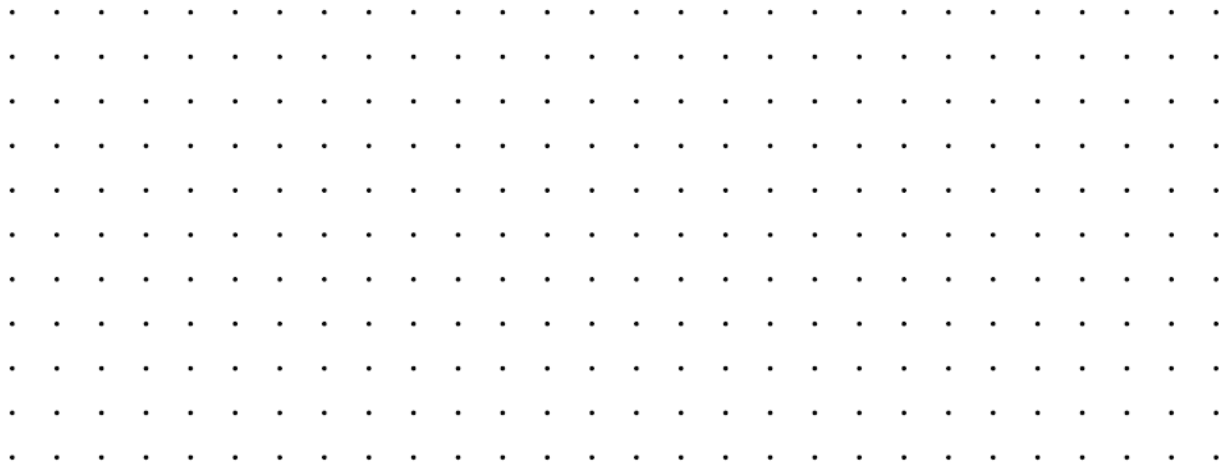


Diagram 10 – Convex Principal Rays

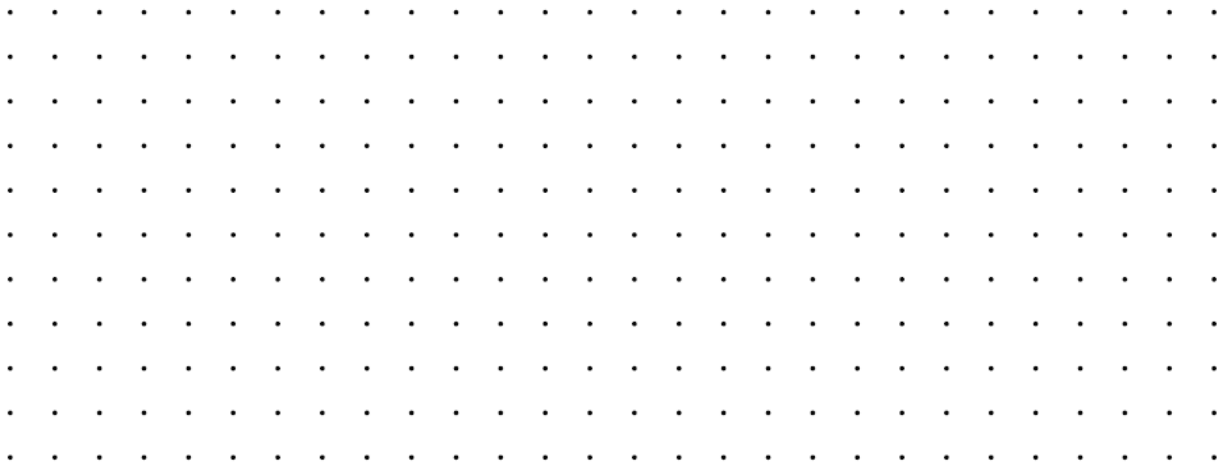


Diagram 11– Convex Mirror Image Formation

